



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000708-021A
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] LPLIA48-LED35DMVWH40
 [LUMINAIRE] Catalog Number: LPLIA48-LED35DMVWH40
 [MORE] Pendant mounted, formed white enamel steel housing, formed white enamel steel reflector trays, frosted linear ribbed plastic lower enclosure.
 [MORE] 128 white LEDs, 4 lower Everline M10CC840D32N2S LED boards with 32 white LEDs each.
 [MORE] One Everline D10CC55UNVTZ-C LED driver set at 637mA.
 [MORE] 120.0Vac, 60.00Hz, 0.2917A, 35W, 0.993PF, 8.1%THD(i)
 [OTHER] Absolute test - lamp lumens value set to -1
 [MORE] NA conventions used for C0 plane alignment and C-plane rotation direction.
 [MORE] The sample was tested at a distance of 9.5m.
 [MORE] This IES file was extrapolated from LPLIA48-LED24DMVWH30
 [DATE] This file created: Monday, March 6, 2017 9:25:04 AM
 [ISSUE DATE] Monday, March 6, 2017 9:25:04 AM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4505
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	35
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.20 m
Luminous Width (90-270)	0.19 m
Luminous Height	0.01 m

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5357	6067	6609
55	4740	5809	6637
65	4087	5590	6776
75	3369	5617	6994
85	2492	6524	7523

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1518.223	1518.223	1518.223	1518.223	1518.223
0.5	1514.735	1515.327	1522.552	1521.026	1512.929
1.0	1514.455	1515.140	1522.474	1520.886	1512.944
1.5	1513.894	1514.875	1522.070	1520.559	1512.991
2.0	1513.427	1514.252	1521.602	1520.216	1512.835
2.5	1512.617	1513.552	1520.855	1519.625	1512.337
3.0	1511.776	1512.617	1520.045	1519.080	1511.714
3.5	1510.328	1511.730	1519.204	1518.301	1511.060
4.0	1509.191	1510.484	1518.192	1517.398	1510.500
4.5	1507.665	1509.145	1516.759	1516.495	1509.955
5.0	1506.077	1507.728	1515.529	1515.451	1509.020
5.5	1504.224	1505.937	1514.050	1514.237	1507.759
6.0	1502.246	1504.022	1512.524	1512.991	1506.684
6.5	1499.973	1502.184	1510.842	1511.418	1505.594
7.0	1497.637	1500.035	1508.896	1509.923	1504.442
7.5	1495.161	1497.715	1506.887	1508.257	1502.760
8.0	1492.607	1495.255	1504.816	1506.544	1501.405
8.5	1489.602	1492.638	1502.542	1504.691	1499.864
9.0	1486.674	1489.929	1500.191	1502.745	1498.260
9.5	1483.217	1486.924	1497.528	1500.720	1496.454
10.0	1479.745	1483.700	1494.943	1498.416	1494.523
10.5	1476.428	1480.586	1492.031	1496.033	1492.561
11.0	1472.722	1477.191	1489.244	1493.666	1490.567
11.5	1468.735	1473.500	1486.114	1491.284	1488.450
12.0	1464.640	1469.857	1482.968	1488.559	1486.020
12.5	1460.513	1466.088	1479.667	1485.942	1483.607
13.0	1456.231	1461.884	1476.054	1483.015	1481.209
13.5	1451.544	1457.866	1472.566	1480.228	1478.406
14.0	1446.950	1453.397	1468.876	1476.942	1475.805
14.5	1442.263	1448.694	1464.920	1473.594	1473.049
15.0	1437.046	1444.272	1461.027	1470.433	1470.339
15.5	1431.845	1439.273	1456.979	1467.038	1467.209
16.0	1426.411	1434.399	1452.634	1463.488	1464.033
16.5	1421.007	1429.105	1448.321	1459.735	1460.778
17.0	1415.059	1423.997	1443.914	1456.169	1457.430
17.5	1409.344	1418.391	1439.117	1452.229	1454.191
18.0	1403.395	1412.957	1434.555	1448.321	1450.610
18.5	1397.353	1407.101	1429.587	1444.178	1446.935
19.0	1390.875	1401.184	1424.527	1439.974	1443.135
19.5	1384.522	1395.080	1419.528	1435.738	1439.367
20.0	1377.702	1388.851	1414.296	1431.363	1435.365
20.5	1370.834	1382.435	1408.612	1426.738	1431.098
21.0	1364.045	1376.035	1403.240	1421.926	1427.205
21.5	1356.866	1369.339	1397.494	1417.363	1422.829
22.0	1349.734	1362.348	1391.888	1412.427	1418.687
22.5	1342.400	1355.558	1386.048	1407.460	1414.187
23.0	1334.785	1348.442	1380.037	1402.414	1409.515
23.5	1326.937	1341.185	1373.902	1397.042	1404.812
24.0	1319.120	1333.757	1367.720	1391.981	1400.219
24.5	1311.069	1326.298	1361.444	1386.484	1395.204
25.0	1302.660	1318.388	1354.702	1380.863	1390.035
25.5	1294.516	1310.664	1348.115	1375.272	1385.036
26.0	1286.076	1302.769	1341.434	1369.495	1379.819
26.5	1277.340	1294.609	1334.427	1363.702	1374.431

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CANDELA TABULATION - (Cont.)

27.0	1268.557	1286.294	1327.544	1357.676	1369.152
27.5	1259.697	1278.025	1320.428	1351.743	1363.515
28.0	1250.509	1269.367	1313.156	1345.374	1357.910
28.5	1241.447	1260.803	1305.930	1339.099	1352.241
29.0	1232.072	1252.067	1298.580	1332.839	1346.542
29.5	1222.495	1243.004	1290.856	1326.376	1340.469
30.0	1212.810	1234.050	1283.351	1319.696	1334.458
30.5	1203.108	1224.909	1275.565	1312.813	1328.447
31.0	1193.189	1215.488	1267.592	1306.117	1321.954
31.5	1183.052	1206.036	1259.541	1299.265	1315.600
32.0	1172.883	1196.599	1251.631	1292.242	1309.076
32.5	1162.559	1186.773	1243.284	1285.017	1302.349
33.0	1152.157	1177.025	1235.109	1277.916	1295.917
33.5	1141.646	1167.262	1226.809	1270.582	1288.941
34.0	1130.916	1157.124	1218.151	1263.045	1282.136
34.5	1120.172	1147.080	1209.695	1255.508	1274.926
35.0	1109.271	1136.849	1201.099	1247.878	1268.012
35.5	1098.137	1126.447	1192.021	1240.029	1260.694
36.0	1086.957	1115.936	1183.129	1232.166	1253.546
36.5	1075.792	1105.534	1174.347	1224.364	1246.321
37.0	1064.268	1094.867	1165.331	1216.298	1238.488
37.5	1052.963	1084.169	1156.252	1208.200	1230.858
38.0	1041.455	1073.425	1146.940	1199.978	1223.212
38.5	1029.636	1062.462	1137.597	1191.632	1215.270
39.0	1018.315	1051.686	1128.316	1183.301	1207.453
39.5	1006.309	1040.661	1118.801	1174.721	1199.355
40.0	994.288	1029.278	1109.069	1165.953	1191.274
40.5	982.391	1018.331	1099.430	1157.467	1183.083
41.0	970.509	1007.197	1089.775	1148.700	1174.798
41.5	958.348	995.720	1079.840	1139.715	1166.249
42.0	946.295	984.384	1070.030	1130.901	1157.949
42.5	934.304	973.125	1060.095	1121.963	1149.354
43.0	921.909	961.462	1049.989	1112.993	1140.696
43.5	909.810	950.141	1039.976	1103.806	1132.053
44.0	897.508	938.665	1029.776	1094.618	1123.130
44.5	885.128	926.986	1019.141	1085.135	1114.239
45.0	872.935	915.416	1009.003	1075.854	1105.238
45.5	860.758	903.674	998.804	1066.542	1096.222
46.0	848.191	892.089	988.246	1056.856	1087.050
46.5	835.874	880.394	977.719	1047.435	1077.847
47.0	823.494	868.762	967.208	1037.843	1068.551
47.5	811.021	856.865	956.463	1028.095	1059.176
48.0	798.703	845.201	945.859	1018.315	1049.911
48.5	786.417	833.491	935.223	1008.645	1040.210
49.0	774.022	821.579	924.198	998.695	1030.742
49.5	761.782	809.931	913.516	988.993	1021.258
50.0	749.449	798.236	902.693	979.027	1011.526
50.5	737.069	786.370	891.699	968.859	1001.653
51.0	725.001	774.676	880.768	958.830	991.936
51.5	712.684	763.044	869.743	948.927	982.266
52.0	700.491	751.069	858.733	938.633	972.285
52.5	688.314	739.436	847.662	928.589	962.427
53.0	676.152	727.617	836.668	918.359	952.274
53.5	663.881	715.736	825.394	908.066	942.277
54.0	651.906	704.275	814.369	897.913	932.311
54.5	639.760	692.580	803.282	887.666	922.283

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CANDELA TABULATION - (Cont.)

55.0	627.832	680.590	792.039	877.311	912.068
55.5	616.013	669.144	781.029	867.002	901.899
56.0	604.303	657.590	769.864	856.803	891.902
56.5	592.063	645.864	758.559	846.338	881.375
57.0	580.446	634.185	747.378	836.045	871.440
57.5	568.783	622.740	736.353	825.861	861.038
58.0	556.855	611.076	725.126	815.397	850.761
58.5	545.394	599.662	713.929	805.150	840.748
59.0	533.839	588.092	702.780	794.779	830.128
59.5	522.223	576.569	691.506	784.346	819.492
60.0	510.886	565.341	680.481	774.084	808.997
60.5	499.550	553.943	669.487	763.682	798.392
61.0	488.167	542.404	658.260	753.155	787.398
61.5	476.939	531.254	647.235	742.629	776.794
62.0	465.743	520.027	636.272	732.009	765.847
62.5	454.360	508.706	625.294	721.248	755.086
63.0	443.522	497.572	614.565	710.877	744.248
63.5	432.559	486.485	603.649	700.102	733.348
64.0	421.441	475.429	592.748	689.310	722.463
64.5	410.743	464.482	582.159	678.783	711.812
65.0	400.263	453.597	571.648	668.039	700.911
65.5	389.269	442.572	560.919	657.201	689.964
66.0	378.711	431.843	550.299	646.643	678.877
66.5	368.418	421.114	539.803	636.069	667.899
67.0	357.845	410.322	529.105	625.434	656.625
67.5	347.489	399.749	518.563	614.814	645.537
68.0	337.305	389.471	508.145	604.147	633.858
68.5	327.012	378.867	497.634	593.387	622.226
69.0	316.890	368.574	487.123	582.486	611.185
69.5	307.064	358.405	476.628	571.461	599.724
70.0	297.083	348.112	466.039	560.405	587.485
70.5	287.319	337.959	455.808	549.738	575.790
71.0	277.555	328.180	445.577	538.682	564.174
71.5	267.963	318.136	435.253	527.206	552.417
72.0	258.417	308.419	425.287	516.149	539.944
72.5	249.214	298.811	415.259	505.218	527.424
73.0	239.793	289.156	405.277	493.757	515.091
73.5	230.466	279.844	395.248	482.171	503.100
74.0	221.481	270.252	385.205	470.243	490.066
74.5	212.511	261.158	375.238	459.094	476.612
75.0	203.697	252.189	365.413	447.477	463.719
75.5	194.946	243.235	355.478	435.331	451.277
76.0	186.226	234.452	345.589	423.076	437.433
76.5	177.863	225.810	335.904	411.552	423.340
77.0	169.548	217.261	326.062	399.313	410.135
77.5	161.092	208.696	315.987	386.186	397.257
78.0	153.104	200.349	306.332	374.164	382.822
78.5	145.193	191.956	296.506	362.049	368.262
79.0	137.298	183.703	286.385	348.564	355.182
79.5	129.357	175.699	276.823	335.623	341.774
80.0	121.757	167.851	266.982	323.851	326.856
80.5	114.096	160.065	256.751	310.490	313.418
81.0	106.855	152.590	247.112	297.238	301.380
81.5	99.630	145.069	237.162	285.715	287.864
82.0	92.591	137.547	226.915	273.226	274.441
82.5	85.615	130.260	217.120	260.193	263.105

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CANDELA TABULATION - (Cont.)

83.0	78.841	123.034	207.030	249.074	250.865
83.5	72.020	115.825	197.375	237.193	238.189
84.0	65.543	108.817	187.720	224.953	227.554
84.5	58.924	101.997	178.159	214.317	216.124
85.0	52.649	94.989	168.754	202.670	204.336
85.5	46.280	88.324	159.115	191.645	194.401
86.0	40.378	81.722	150.067	181.788	183.703
86.5	34.274	75.166	140.241	170.638	173.347
87.0	28.357	68.906	131.474	160.937	163.989
87.5	22.704	62.755	122.038	151.204	154.101
88.0	16.771	56.589	113.442	141.409	144.866
88.5	11.399	50.640	104.644	132.518	135.912
89.0	6.400	44.847	96.313	123.206	126.912
89.5	1.869	38.899	88.044	114.672	118.565
90.0	0.109	33.340	79.947	106.185	110.203
90.5	0.187	27.858	72.161	98.150	102.417
91.0	0.078	22.486	64.530	89.928	94.397
91.5	0.156	17.269	57.180	82.298	86.876
92.0	0.062	12.426	50.189	74.761	79.526
92.5	0.109	7.739	43.337	67.287	72.379
93.0	0.062	3.504	36.672	60.248	65.278
93.5	0.234	0.763	30.334	53.350	58.473
94.0	0.187	0.467	24.199	46.778	52.073
94.5	0.171	0.405	18.328	40.238	45.657
95.0	0.093	0.311	12.816	33.963	39.444
95.5	0.327	0.218	7.475	27.827	33.402
96.0	0.109	0.280	2.990	22.003	27.703
96.5	0.280	0.327	0.747	16.288	22.081
97.0	0.125	0.234	0.576	11.072	16.631
97.5	0.187	0.296	0.514	6.151	11.726
98.0	0.311	0.343	0.498	2.367	7.023
98.5	0.327	0.249	0.327	0.856	3.083
99.0	0.327	0.265	0.405	0.545	1.152
99.5	0.296	0.374	0.389	0.592	0.420
100.0	0.405	0.343	0.420	0.592	0.576
100.5	0.280	0.452	0.452	0.623	0.545
101.0	0.420	0.436	0.296	0.607	0.374
101.5	0.467	0.514	0.514	0.654	0.529
102.0	0.405	0.529	0.436	0.561	0.561
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	554.86	N.A.	12.30
0-30	1176.93	N.A.	26.10
0-40	1923.33	N.A.	42.70
0-60	3390.51	N.A.	75.30
0-80	4315.38	N.A.	95.80
0-90	4480.48	N.A.	99.40
10-90	4336.84	N.A.	96.30
20-40	1368.47	N.A.	30.40
20-50	2137.83	N.A.	47.50
40-70	2022.92	N.A.	44.90
60-80	924.87	N.A.	20.50
70-80	369.13	N.A.	8.20
80-90	165.09	N.A.	3.70
90-110	24.81	N.A.	0.60
90-120	24.81	N.A.	0.60
90-130	24.81	N.A.	0.60
90-150	24.81	N.A.	0.60
90-180	24.81	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	4505.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	143.63
10-20	411.23
20-30	622.07
30-40	746.40
40-50	769.36
50-60	697.82
60-70	555.74
70-80	369.13
80-90	165.09
90-100	24.69
100-110	0.12
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

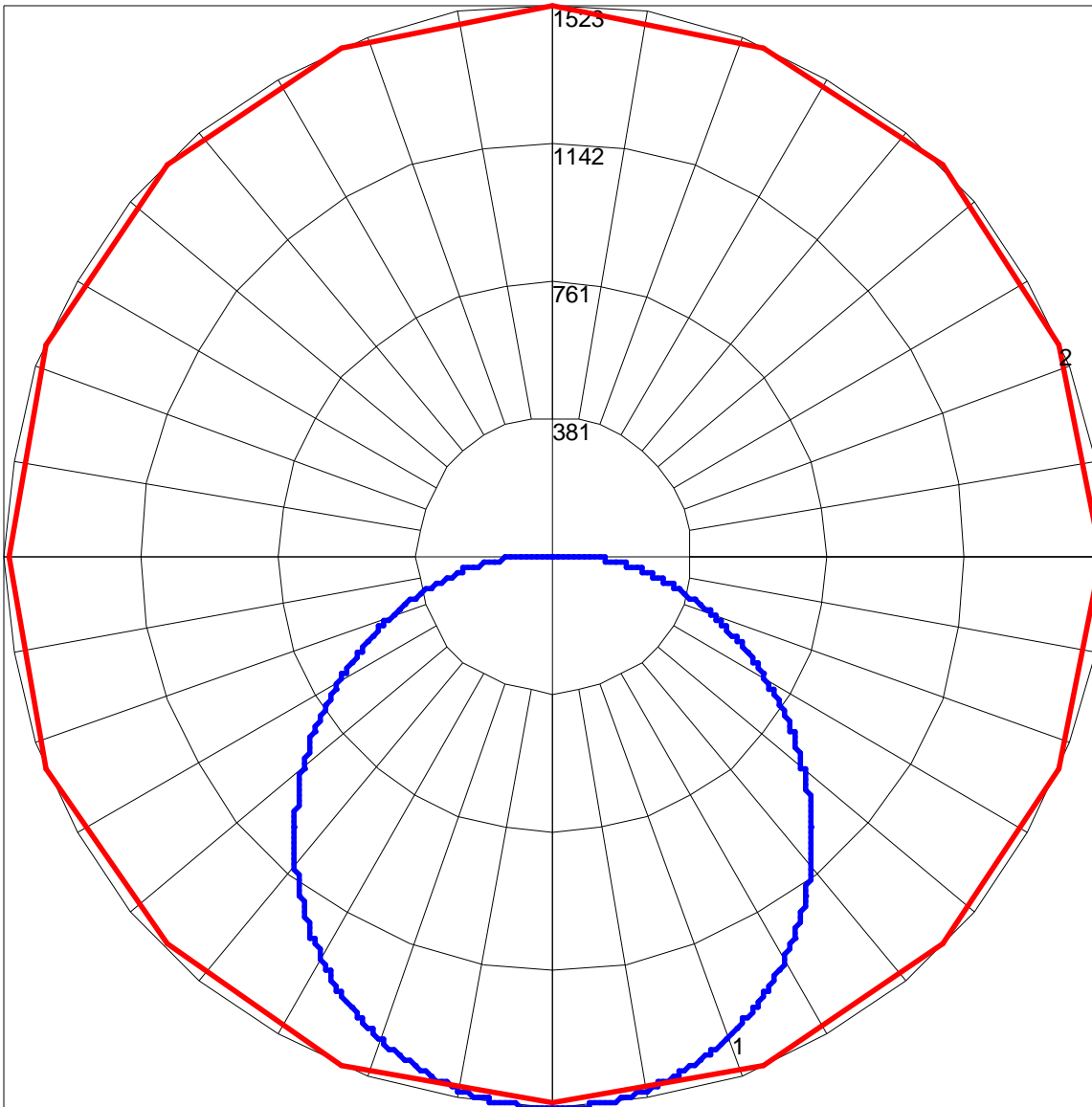
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	99
1	108	102	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
3	89	78	69	63	86	76	68	62	73	66	61	70	64	60	68	63	58	56
4	81	69	60	53	79	67	59	52	65	57	52	62	56	51	60	55	50	48
5	75	61	52	45	72	60	52	45	58	50	45	56	49	44	54	48	43	41
6	69	55	46	40	67	54	46	39	52	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	31	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 1522.552 Located At Horizontal Angle = 45, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)